

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DE2004/002178

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03/080862 A (EPIGENOMICS AG; BERLIN, KURT) 2 October 2003 (2003-10-02) siehe ganzes Dok. besonders Anspruch 1 -----	1-12
A	US 5 786 146 A (HERMAN ET AL) 28 July 1998 (1998-07-28) siehe ganzes Dok., besonders Ansprüche -----	
X	WO 02/38811 A (UNIVERSITY OF SOUTHERN CALIFORNIA; JONES, PETER, A; LIANG, GANGNING; T) 16 May 2002 (2002-05-16) siehe ganzes Dok., besonders Fig. 1, 2 , Ansprüche und S. 19 -----	1-12
X	WO 02/072880 A (EPIGENOMICS AG; OLEK, ALEXANDER; BERLIN, KURT) 19 September 2002 (2002-09-19) cited in the application siehe ganzes Dok. besonders Ansprüche -----	1-12

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03080862	A	02-10-2003	DE 10214232 A1	23-10-2003
			AU 2003226710 A1	08-10-2003
			AU 2003227544 A1	08-10-2003
			WO 03080862 A1	02-10-2003
			WO 03080863 A1	02-10-2003
			EP 1488003 A1	22-12-2004
			EP 1488008 A1	22-12-2004
US 5786146	A	28-07-1998	CA 2257104 A1	11-12-1997
			EP 0954608 A1	10-11-1999
			IL 127342 A	25-07-2002
			JP 3612080 B2	19-01-2005
			JP 2000511776 T	12-09-2000
			JP 2004290200 A	21-10-2004
			WO 9746705 A1	11-12-1997
			US 6200756 B1	13-03-2001
			US 6265171 B1	24-07-2001
			US 6017704 A	25-01-2000
WO 0238811	A	16-05-2002	AU 3398802 A	21-05-2002
			CA 2428245 A1	16-05-2002
			EP 1379685 A2	14-01-2004
			JP 2004535757 T	02-12-2004
			WO 0238811 A2	16-05-2002
WO 02072880	A	19-09-2002	DE 10112515 A1	14-11-2002
			DE 10158283 A1	28-05-2003
			CA 2435917 A1	19-09-2002
			CN 1539023 A	20-10-2004
			WO 02072880 A2	19-09-2002
			EP 1370691 A2	17-12-2003
			JP 2004527241 T	09-09-2004
			US 2003082600 A1	01-05-2003